| In | dex | of | C | lai | ms |
|----|-----|----|---|-----|----|
|    |     |    |   |     |    |



Application/Control No.

10/807,372

Examiner

STEINER ET AL.

Applicant(s)/Patent under Reexamination

Art Unit

2125

Charles R. Kasenge

| 1 | Rejected |
|---|----------|
| = | Allowed  |

| - | (Through numeral)<br>Cancelled |  |  |  |  |  |
|---|--------------------------------|--|--|--|--|--|
| + | Restricted                     |  |  |  |  |  |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| Α | Appeal   |
|---|----------|
| 0 | Objected |

| Claim        |   | Date   |              |                                     |  |  |          |              |          |           |  |
|--------------|---|--|--------------|-------------------------------------|--|--|----------|--------------|----------|-----------|--|
|              |   |  |              |                                     |  |  |          |              |          |           |  |
| Final        | Original  | 9/16/05  |              |                                     |  |  |          |              |          |           |  |
|              | 1   | 1  |              |                                     |  |  |          |              |          |           |  |
|              | 2   | 1  |              |                                     | _  | Г  | П        |              |          |           |  |
|              | 3   | 1  |              |                                     |  |  |          |              |          |           |  |
|              | 4   | 1  |              |                                     |  |  |          |              |          |           |  |
|              | 5   | 1  |              |                                     |  |  |          |              |          |           |  |
|              | 6   | 1  |              |                                     |  |  |          |              |          |           |  |
|              | 1<br>2<br>3<br>4<br>5<br>6                        | 1  |              |                                     |  |  |          |              |          |           |  |
|              | 8   | 1  |              |                                     |  |  |          |              |          |           |  |
|              | 9   | 1  |              |                                     |  |  |          |              |          |           |  |
|              | 10  | 1  |              |                                     |  |  |          |              |          |           |  |
|              | 11  | 1  |              |                                     |  |  |          |              |          |           |  |
|              | 12  | 1  |              |                                     |  |  |          |              |          |           |  |
|              | 13  | 1  |              |                                     |  |  |          |              |          |           |  |
|              | 14  | √  |              |                                     |  |  |          |              |          |           |  |
|              | 15  | √  |              |                                     |  |  |          | L_           |          | Ш         |  |
|              | 9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17 | ファ         |              |                                     |  |  |          |              |          | Ш         |  |
|              | 17  | 1  | _            |                                     | $ldsymbol{ld}}}}}}$ | L  |          | <u> </u>     |          | Ш         |  |
|              | 18  | 1  |              |                                     |  |  |          | L            | <u>L</u> | Ц         |  |
|              | 19  | 1  |              | L                                   |  |  |          | $oxed{oxed}$ |          | Ш         |  |
|              | 20  | √  |              | <u> </u>                            | <u> </u>   |  |          |              | <u> </u> | Ш         |  |
|              | 20<br>21<br>22                                    | 1  | <u> </u>     |                                     |  |  |          |              | <u> </u> | Ш         |  |
| <u> </u>     | 22  | √  | L.           |                                     | _  | L  |          |              | _        | Щ         |  |
|              | 23<br>24  | 1  | <u> </u>     | <u> </u>                            | L  |  | <u> </u> | L_           | <u> </u> | Ш         |  |
|              | 24  | 1  |              | ļ.,                                 |  | <u> </u>   | _        |              | <u> </u> | Ш         |  |
|              | 25  | ٧.   | _            |                                     | _  |  | <u> </u> |              | -        | Ш         |  |
|              | 25<br>26<br>27                                    | ٧  | <u> </u>     | _                                   | -  |  | _        | <u> </u>     | <u> </u> | $\square$ |  |
| <u> </u>     | 27  |  | <u> </u>     |                                     | _  |  | <u> </u> | -            | _        | Н         |  |
|              | 28<br>29<br>30                                    |  | _            | _                                   | H  | H  | H        |              |          | Н         |  |
|              | 29  |  | $\vdash$     | H                                   |  |  | ┝        | -            | ├        | $\vdash$  |  |
| <del> </del> | 31  |  | $\vdash$     | Н                                   | $\vdash$   | $\vdash$   | -        | $\vdash$     | ┝        | Н         |  |
| <del> </del> | 31<br>32  | _  | -            | -                                   | H  |  | $\vdash$ | $\vdash$     |          | Н         |  |
| <del> </del> | 33  | <del> </del>                                     | -            | -                                   | -  | -  |          |              |          | Н         |  |
| <del> </del> | 33<br>34  | -  | -            | -                                   | -  | $\vdash$   | $\vdash$ | $\vdash$     | $\vdash$ | Н         |  |
| <b>—</b>     | 35  | $\vdash$   | -            | $\vdash$                            | $\vdash$   | -  | F        |              | $\vdash$ | H         |  |
| <b></b>      | 36  | <del>                                     </del> | <del> </del> | -                                   | $\vdash$   | <del>                                     </del> | $\vdash$ |              | $\vdash$ | $\vdash$  |  |
|              | 36<br>37  |  | _            |                                     | $\vdash$   | <b>-</b>   | $\vdash$ | Н            | $\vdash$ | Н         |  |
|              | 38  |  |              |                                     |  |  |          |              | $\vdash$ | H         |  |
|              | 39  | Γ  | $\Box$       |                                     |  |  | <u> </u> |              |          | П         |  |
|              | 40  |  |              |                                     |  |  |          |              |          |           |  |
|              | 41  |  |              |                                     |  |  |          |              | L        |           |  |
|              | 42  |  |              |                                     |  |  |          |              |          |           |  |
| <u></u>      | 43  |  | L            |                                     |  |  |          |              |          | Ш         |  |
|              | 44  |  |              |                                     |  |  |          |              |          |           |  |
|              | 45  |  |              |                                     | L  |  | <u> </u> |              |          |           |  |
|              | 46  |  |              |                                     |  |  | _        |              |          | Ш         |  |
| L            | 47  | <u> </u>   | ļ            | L_                                  |  | Ш  | <u> </u> | L            |          | Ш         |  |
|              | 48  | $\perp$  | _            | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u>   |  |          | _            | L        | Ш         |  |
| ļ            | 49  | <u> </u>   | <u> </u>     | <u> </u>                            | _  | L  | <u> </u> |              | <u> </u> | Ш         |  |
|              | 2   |  |              |                                     |  |  |          |              |          | . 1       |  |

|   | Claim |          | Date         |          |  |          |              |          |  |          |              |  |
|---|-------|----------|--------------|----------|--|----------|--------------|----------|--|----------|--------------|--|
|   | Final | Original |              |          |  |          |              |          |  |          |              |  |
|   |       | 51       |              |          |  |          |              |          |  |          |              |  |
|   |       | 51<br>52 |              |          |  |          |              |          |  |          |              |  |
| 1 |       | 53       |              |          |  |          |              |          | Т  |          |              |  |
|   |       | 54       |              |          | $\vdash$   |          |              | _        |  |          |              |  |
|   |       | 55       |              |          |  |          |              |          |  |          |              |  |
|   |       | 56       |              |          |  |          |              |          |  |          |              |  |
|   |       | 57       |              |          |  |          |              |          |  |          |              |  |
|   |       | 58       |              |          |  |          |              |          |  |          |              |  |
|   |       | 59       |              |          |  |          |              |          |  |          |              |  |
|   |       | 60       |              |          |  |          | L            |          |  |          |              |  |
|   |       | 61       |              |          |  |          |              | <u> </u> |  |          |              |  |
|   |       | 62       | _            |          |  |          |              |          | _  | _        |              |  |
|   |       | 63       |              |          |  |          |              |          |  |          |              |  |
|   |       | 64       |              |          |  |          | _            |          |  |          |              |  |
|   |       | 65       |              |          |  |          | _            |          |  |          | _            |  |
|   |       | 66       |              |          |  |          |              |          |  | _        |              |  |
|   |       | 67       |              |          | _  |          |              |          | <u> </u>   | L        | ļ            |  |
|   |       | 68       | _            |          | _  |          | $\vdash$     | _        | H  |          |              |  |
|   |       | 69       | _            | <u> </u> |  |          | _            |          | <del> </del>                                     | -        | -            |  |
|   |       | 70       | _            | <u> </u> |  |          | -            |          | <u> </u>   |          | <u> </u>     |  |
|   |       | 71<br>72 |              |          |  | H        |              |          |  |          | _            |  |
|   |       | 72       |              |          |  |          | $\vdash$     | _        | <del> </del>                                     | $\vdash$ |              |  |
|   |       | 73<br>74 |              |          |  |          | $\vdash$     | _        | -  | $\vdash$ | _            |  |
|   |       | 75       |              |          | -  |          | $\vdash$     |          |  |          | -            |  |
|   |       | 76       |              | -        | -  |          | $\vdash$     |          | -  | $\vdash$ |              |  |
|   |       | 77       | -            |          |  |          |              |          | $\vdash$   |          |              |  |
|   |       | 78       |              |          |  |          |              |          | <u> </u>   |          |              |  |
|   |       | 79       |              |          |  |          |              |          |  |          |              |  |
|   |       | 80       |              |          |  |          |              |          |  |          |              |  |
|   |       | 81       |              |          |  |          |              |          |  |          |              |  |
|   |       | 82       |              |          |  |          |              |          |  |          |              |  |
|   |       | 83       |              |          |  |          |              |          |  |          |              |  |
|   |       | 84       |              |          |  |          |              |          |  |          | L            |  |
|   |       | 85       | _            |          |  |          |              |          |  |          | L            |  |
| 1 |       | 86       |              |          |  | Ш        |              |          |  |          |              |  |
|   |       | 87       | L            | <u> </u> | L.   | <u> </u> |              |          |  | L_       |              |  |
|   |       | 88       | <u> </u>     | <u> </u> | <u> </u>   | <b> </b> | <b> </b>     | <u> </u> | <u> </u>   | <u> </u> | <u> </u>     |  |
|   |       | 89       | <u> </u>     | <b>.</b> |  |          | H            | L.,      | <u> </u>   | <u> </u> | <u> </u>     |  |
|   |       | 90<br>91 | <u> </u>     |          |  | H        |              | ļ        | -  | $\vdash$ | <u> </u>     |  |
|   |       | 91       |              |          | <u> </u>   | $\vdash$ |              | <u> </u> | -  | $\vdash$ | -            |  |
|   |       | 93       | <del> </del> | $\vdash$ | <u> </u>   | $\vdash$ | <u> </u>     | <u> </u> | <del>  -</del>                                   | -        | <u> </u>     |  |
|   |       | 94       | $\vdash$     | $\vdash$ | $\vdash$   | $\vdash$ | $\vdash$     |          | $\vdash$   | $\vdash$ | <u> </u>     |  |
|   |       | 95       | <del> </del> | $\vdash$ | $\vdash$   | Н        | $\vdash$     | $\vdash$ | $\vdash$   | $\vdash$ | <del> </del> |  |
|   |       | 96       | $\vdash$     | $\vdash$ | $\vdash$   | $\vdash$ | _            | _        | <del>                                     </del> | -        | <u> </u>     |  |
|   |       | 97       | 1            | $\vdash$ | $\vdash$   |          | <del> </del> | $\vdash$ |  | -        | -            |  |
|   |       | 98       |              | $\vdash$ | H  | $\vdash$ | <del> </del> | H        | <del>                                     </del> |          | -            |  |
|   |       | 99       |              | $\vdash$ | <del>                                     </del> | $\vdash$ |              | $\vdash$ | $\vdash$   | Н        |              |  |
|   |       |          |              |          |  |          |              |          |  |          |              |  |

| CI    | Date                     |            |              |                                     |          |          |              |          |            |                 |
|-------|--------------------------|------------|--------------|-------------------------------------|----------|----------|--------------|----------|------------|-----------------|
| Claim |                          |            |              |                                     |          | Jack     |              |          |            | Н               |
| Final | Original                 |            |              |                                     |          |          |              |          |            |                 |
|       | 101                      |            |              |                                     |          |          |              |          |            |                 |
|       | 102<br>103               |            |              |                                     |          |          |              |          |            |                 |
|       | 103                      |            |              |                                     |          |          |              |          |            |                 |
|       | 104                      |            |              |                                     |          |          |              |          |            |                 |
|       | 105<br>106               |            |              |                                     |          |          |              |          |            |                 |
|       | 106                      |            |              |                                     |          |          |              |          |            |                 |
|       | 107                      |            |              |                                     |          |          |              |          |            | $\Box$          |
|       | 108                      |            |              |                                     |          |          |              | _        | lacksquare | Ц               |
|       | 109                      |            |              |                                     |          |          |              |          | _          |                 |
|       | 110<br>111               |            |              |                                     |          |          |              |          | _          | Щ               |
|       | 111                      | <u> </u>   |              | $\vdash$                            | $\vdash$ |          | Н            | $\vdash$ | <u> </u>   | $\vdash \vdash$ |
|       | 112                      | Щ          |              | Н                                   | <u> </u> |          |              |          |            | Ш               |
|       | 113<br>114<br>115        |            |              | H                                   | $\vdash$ | L        | H            | L        | ļ          | Щ               |
|       | 114                      | <u> </u>   | <u> </u>     | H                                   | H        | $\vdash$ | Ш            | $\sqcup$ | H          | Н               |
|       | 115                      |            | <u> </u>     | $\vdash$                            |          | $\vdash$ | $\vdash$     | $\vdash$ | $\vdash$   | Н               |
|       | 116<br>117               | -          | -            | <del> </del>                        | -        | $\vdash$ | $\vdash$     | $\vdash$ | $\vdash$   | Н               |
|       | 11/                      | $\vdash$   | _            | $\vdash$                            | $\vdash$ | $\vdash$ | $\vdash$     | _        | $\vdash$   | Н               |
|       | 118<br>119               | H          | _            | $\vdash$                            | _        | H        | $\vdash$     | $\vdash$ |            | Н               |
|       | 120                      | $\vdash$   |              | -                                   | _        | -        | $\vdash$     | -        | -          | $\dashv$        |
|       | 120                      | -          |              |                                     | —        | -        | -            | _        | <u> </u>   | $\dashv$        |
|       | 121<br>122<br>123        |            |              | -                                   |          | -        |              |          | -          | -               |
|       | 122                      | -          |              |                                     | _        | -        |              |          | $\vdash$   | $\dashv$        |
|       | 123                      | $\vdash$   |              | $\vdash$                            |          | H        |              |          | $\vdash$   | $\vdash$        |
|       | 124<br>125<br>126        | -          |              |                                     | _        | H        |              |          | $\vdash$   | $\dashv$        |
|       | 126                      |            | ┢            |                                     |          | -        | <del> </del> |          | ┢          | $\dashv$        |
|       | 127                      |            | -            | <u> </u>                            |          | _        |              |          | -          | $\dashv$        |
|       | 127<br>128<br>129<br>130 |            | $\vdash$     |                                     | -        | <u> </u> | <u> </u>     |          | -          |                 |
|       | 129                      | _          |              | H                                   |          | $\vdash$ | $\vdash$     |          |            |                 |
|       | 130                      | $\vdash$   |              |                                     |          | $\vdash$ | $\vdash$     |          |            |                 |
|       | 131                      |            | $\vdash$     | $\vdash$                            |          | $\vdash$ |              |          | $\vdash$   | П               |
|       | 132                      | П          | Г            | Г                                   |          |          |              |          |            |                 |
|       | 132<br>133               |            |              | Г                                   |          | Г        | l            |          |            | $\neg$          |
|       | 134                      |            |              |                                     |          |          |              |          |            |                 |
|       | 135                      |            |              |                                     |          |          |              |          |            |                 |
|       | 136                      |            |              |                                     |          |          |              |          |            |                 |
|       | 137<br>138               |            |              |                                     |          |          |              |          |            |                 |
|       | 138                      |            |              |                                     |          |          |              |          |            |                 |
|       | l 139                    |            |              |                                     |          |          |              |          |            |                 |
|       | 140                      | L_         | $oxed{oxed}$ | $oxed{\Box}$                        |          | <u> </u> | <u> </u>     |          | L          |                 |
|       | 141                      | _          | <u> </u>     | L                                   | _        |          |              |          | L          | Ш               |
|       | 142                      | oxdot      | L_           | $oxed{oxed}$                        |          | L        | <u> </u>     |          | L          |                 |
|       | 143                      |            | _            | Ш                                   |          | <u> </u> | <u> </u>     | L        | <u> </u>   | Ш               |
|       | 144                      | _          | _            | L                                   | <u> </u> | <u> </u> | <u> </u>     |          |            | Ш               |
|       | 145                      | lacksquare | <u> </u>     | $ldsymbol{ldsymbol{eta}}$           |          | <u> </u> | L            |          | <u>L</u> _ | Ш               |
|       | 146                      | L.         |              |                                     | <u> </u> | <u> </u> | Щ            | <u> </u> | L          | Ш               |
|       | 147                      |            | L.           | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u> | <u> </u> | L            | _        | L_         | Ш               |
|       | 148                      | $\vdash$   | <u> </u>     | _                                   |          |          | <u> </u>     | L        |            | Щ               |
|       | 149                      | <u> </u>   | <u> </u>     | <u> </u>                            | <u> </u> | <u> </u> | <u> </u>     |          | ļ          | Щ               |
|       | 150                      |            |              | L                                   | L        |          |              | L_       | L          | Ш               |